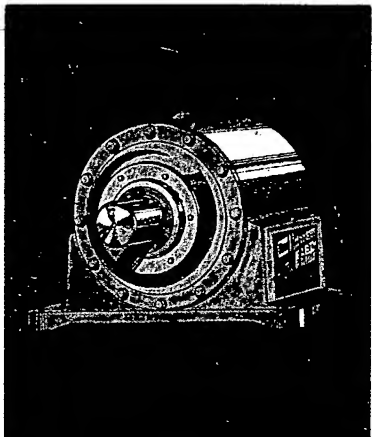
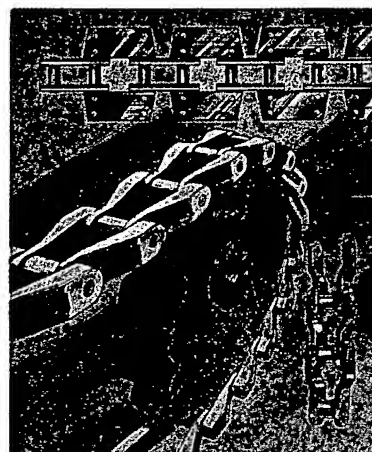
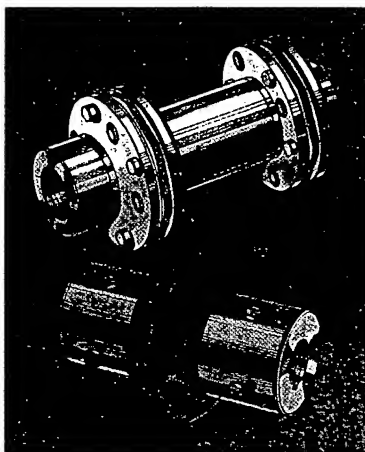
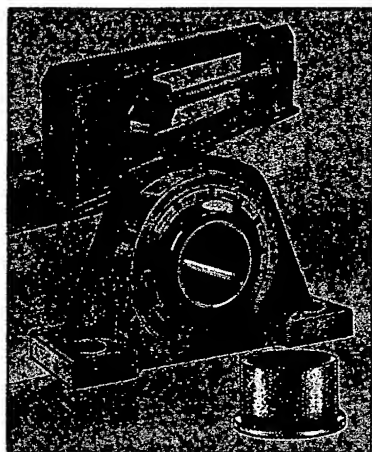
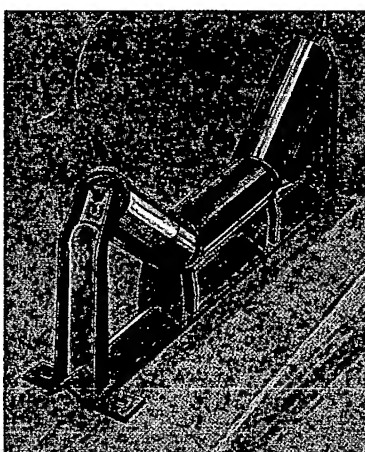
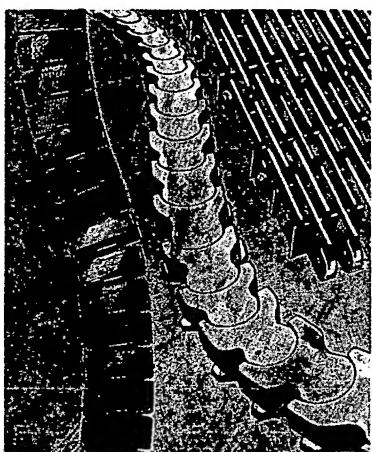




POWER TRANSMISSION  
AND CONVEYING COMPONENTS



**"Our promise  
is quality."**  
**"Our  
commitment  
is service."**



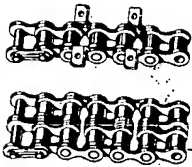
BEST AVAILABLE COPY

he  
u-  
ng  
  
u-  
s-  
ds  
:ts

## Table of Contents

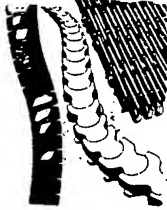
### Introduction

I  
II



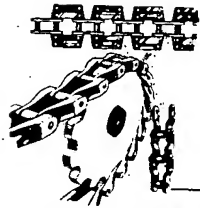
Roller Chains

A-1 to A-62



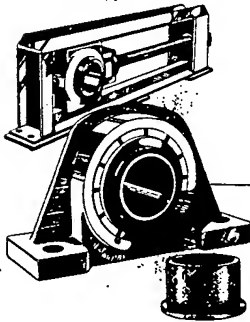
TableTop Chains

B-1 to B-48



Engineered Chains

C-1 to C-127

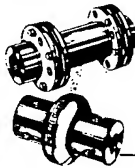


Roller Bearings

D-1 to D-60

Duralon Bearings

D-61 to D-78

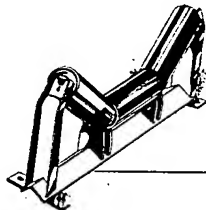


Elastomer Couplings

E-1 to E-13

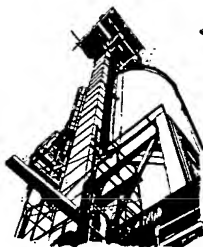
Thomas Flexible Disc Couplings

E-14 to E-50



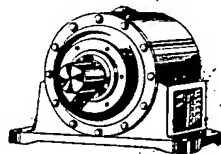
Conveyor Idlers and Spray Nozzles

F-1 to F-106



Standard Engineered Products

G-1 to G-18



Speed Reducers

H-1 to H-14

Engineering Data

J-1 to J-30

Note: In accordance with the policy of Rexnord Inc. to constantly improve its products, the specifications in this catalog are subject to change without notice.

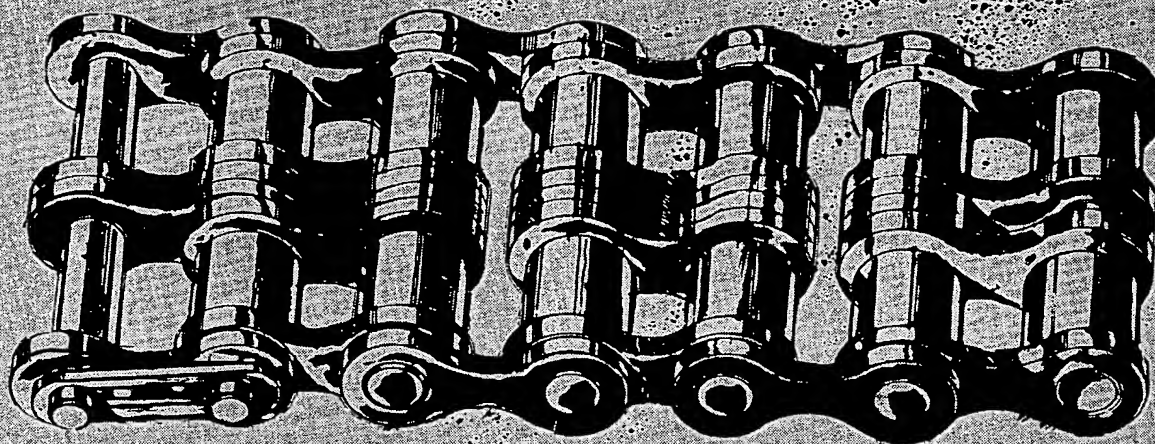
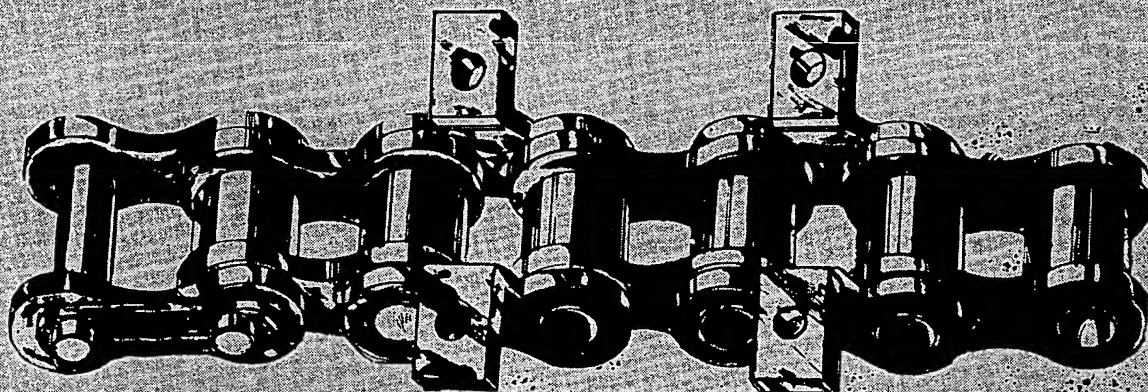
Rex, Mathews, Nordberg, Racine, Camloc, Carrier, Cartriseal, Delron, Lund, Nordbak, Shafer, Symons, TableTop and Thomas are trademarks of Rexnord Inc.

Rexnord Inc.  
Milwaukee, WI 53201

© Copyright 1969, 1972, 1974, 1976, 1978, 1980 and 1984.

Revised 1972, 1974, 1976, 1978, 1980 and 1984. Printed in U.S.A.

**BEST AVAILABLE COPY**



## TABLE OF CONTENTS

	Page Number		Page Number
Chain Types .....	A-2 to A-3	<b>SELECTION</b>	
Functions of Roller Chain .....	A-4	Stock Drives .....	A-36 to A-42
Chain-Sprocket Interaction .....	A-5	Conveyors .....	A-36, A-43 to A-44
Roller Chain Construction .....	A-6 to A-7	Tension Linkages .....	A-36
Chain Types .....	A-8 to A-31	Lubrication .....	A-45
Chain Repair Tools .....	A-32	Horsepower Tables .....	A-46 to A-55
How To Order .....	A-33	Sprockets .....	A-56 to A-58
Packaging .....	A-34 to A-35	European Standard Chains .....	A-59 to A-62



## SERIES D — CEMA D

## 20°, 35° AND 45° TROUGH — 5" and 6" ROLL DIAMETER

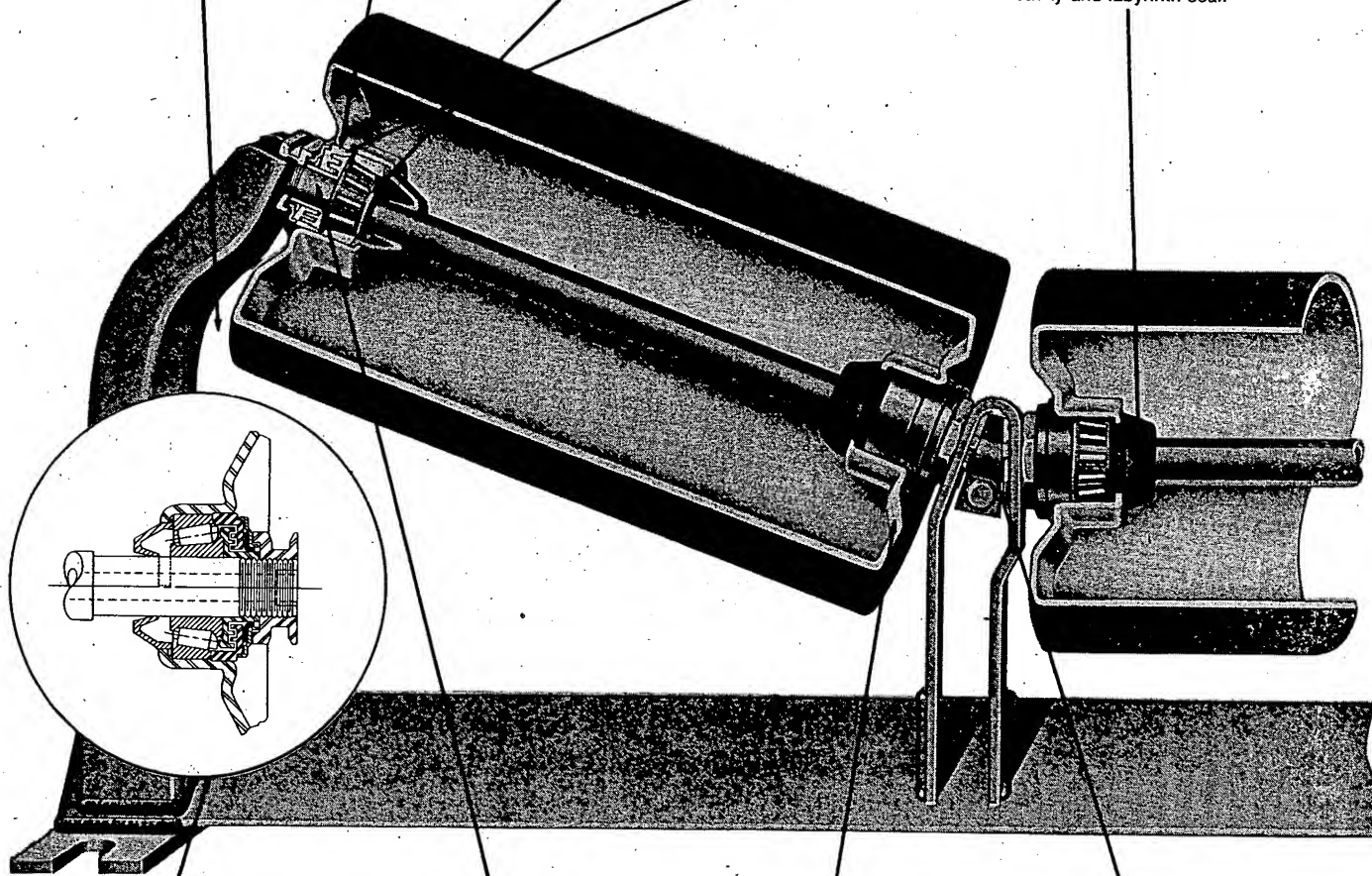
**BETTER PROTECTION AGAINST ABRASIVES, MOISTURE, CORROSION**  
Combination 5-passage horizontal labyrinth seal and wiping seal protects bearings and grease from dirt and grit for longer roll life.

**LOW ROLL DRAG**  
Five passage labyrinth seals keeps friction drag to minimum.

**INCREASED ROLL AND BRACKET CLEARANCE**  
Rex "fall away" design eliminates belt damage caused by roll stoppage caused by material build-up.

**HIGH CAPACITY IDLER PERFORMANCE**  
1" diameter shaft with 3/4" diameter bearings provides increased load carrying capability.

**CONTROLLED GREASING EXTENDS BEARING LIFE**  
Rear grease seal keeps grease in bearing cavity only.  
Purging during greasing flushes contaminants from the bearing cavity and labyrinth seal.



**"B" SEAL**  
See page F-6.

**REDUCED GREASING TIME**  
Easy, convenient patented one-point through greasing system from either side — provides positive through-lubrication of all six bearings ... saves time, cuts maintenance costs.

**LESS VIBRATION**  
Uniformly thick shells with ends simultaneously counterbored are fusion welded to precision formed end discs to form a rugged integral roll assembly providing good concentricity, accurate rotation and smooth operation.

**GREASE TRANSFER**  
Tough rubber tube is positively positioned in roll because of shoulder. Two piece clamp supports tube and protects tube from accidental damage.

Note: Dimensions subject to change. Certified dimensions of ordered material furnished on request.

**SERIES D — CEMA D**  
**20°, 35° AND 45° TROUGH — 5" AND 6" ROLL DIAMETER**

**INCREASE BELT LIFE**

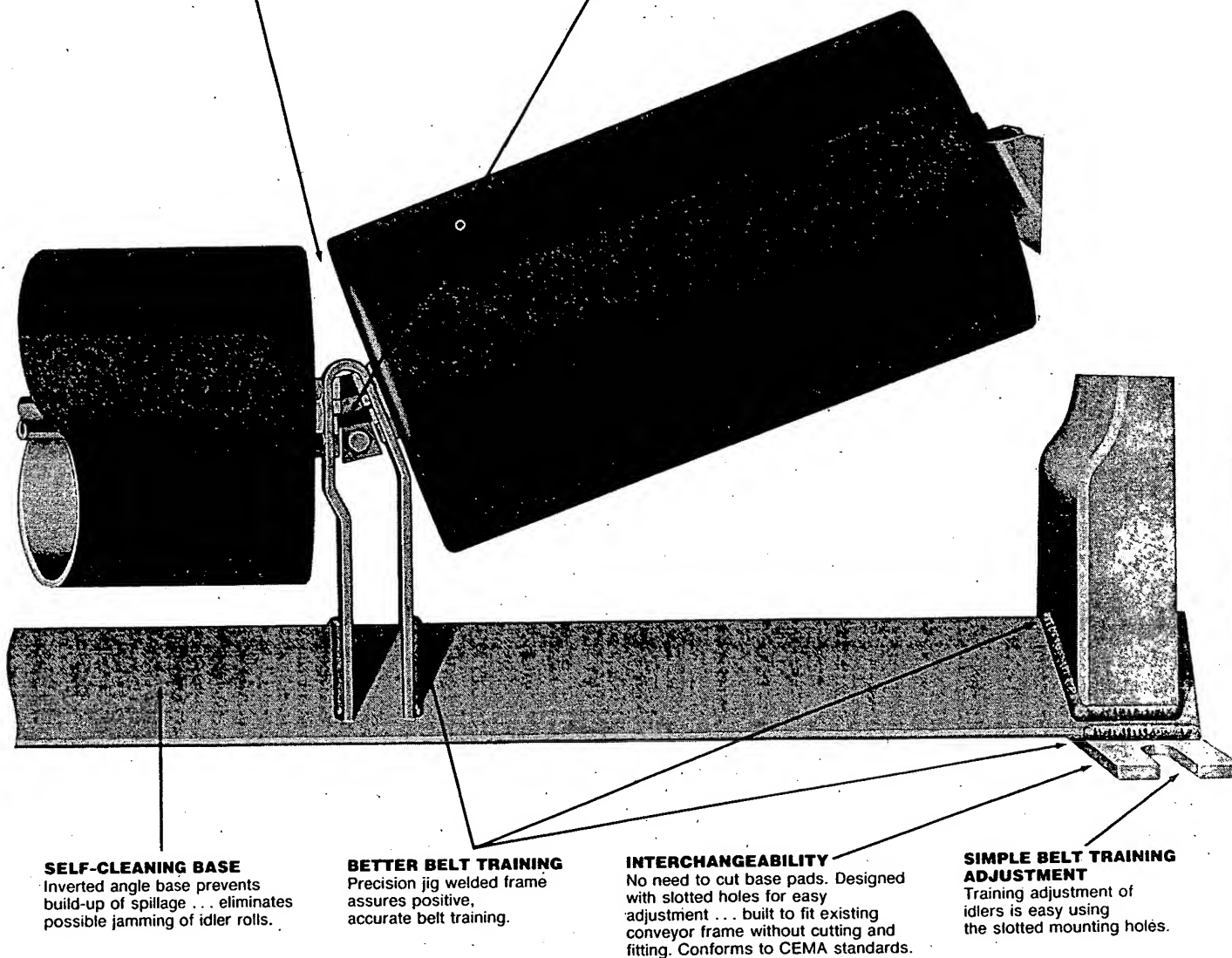
Rex designed minimum gap provides smallest possible space between rollers for no-pinch maximum belt protection . . . better belt support and longer belt life.

**POSITIVE ROLL HOLD DOWN**

Assures proper positioning of roll. Yet roll lift out is simple and quick. Remove the hold down on center and end brackets and rolls lift out.

**ELIMINATES BELT MISALIGNMENT**

Di  
fo  
ar  
st  
st  
rc



**SELF-CLEANING BASE**

Inverted angle base prevents build-up of spillage . . . eliminates possible jamming of idler rolls.

**BETTER BELT TRAINING**

Precision jig welded frame assures positive, accurate belt training.

**INTERCHANGEABILITY**

No need to cut base pads. Designed with slotted holes for easy adjustment . . . built to fit existing conveyor frame without cutting and fitting. Conforms to CEMA standards.

**SIMPLE BELT TRAINING ADJUSTMENT**

Training adjustment of idlers is easy using the slotted mounting holes.

**Note: Dimensions subject to change. Certified dimensions of ordered material furnished on request.**